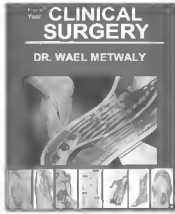
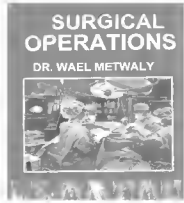
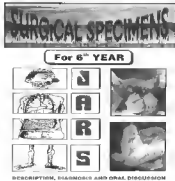
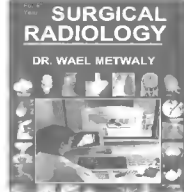


REVISION 1

BREAST DISORDER

BY DR. WAEL METWALY

<p>★ Clinical</p>  <ul style="list-style-type: none"> - Chronic Breast Abscess - Fibroadenosis - Hard Fibroadenoma - Breast Cancer 	<p>★ Operative</p>  <ul style="list-style-type: none"> - Radical Mastectomy - Treatment of Mastitis & Acute Breast Abscess. - Management of Cancer.
<p>★ Jars</p>  <ul style="list-style-type: none"> - Breast Cancer 	<p>★ X-rays</p>  <ul style="list-style-type: none"> - Soft tissue Mammography

EXAMS

- A. Anatomy
- B. Written Questions
- C. Explanations
- D. Cases

A. ANATOMY

- 2001 - Discuss **Lymphatic Drainage** of the Breast
- 2004 - Discuss **Anatomy** of Female Breast
 - Discuss **Lymphatic Drainage** of the Breast
- 2007 - Discuss **Lymphatic Drainage** of the Breast
- 2008 - Discuss **Anatomy** of Female Breast

(10 Marks) دور ثانی

(20 Marks) دور ثانی

(10 Marks)

(10 Marks) دور ثانی

(10 Marks) دور ثانی

B. WRITTEN QUESTIONS

2001

- Discuss **Skin Manifestations** of Female Cancer Breast.
- Mention Aetiology, pathology, C/P of **Acute Breast Abscess**

(10 Marks) دور ثانی

(10 Marks)

2002

- Mention DD of **Breast lump**
- Discuss, causes & management of **Nipple Discharge**
- Discuss DD between **Paget's & Eczema**

(15 Marks) دور ثانی

(12 Mark)

(12 Mark)

2003

- Enumerate causes & investigations of **Discharge per Nipple**
- Discuss **Paget's** disease of nipple
- Discuss DD of **Mass** of the Breast.

(12 Marks) دور ثانی

(12 Marks) دور ثانی

(12 Marks) دور ثانی

2004

- A 55 years old women presented with a hard lump in the breast. Discuss the **necessary investigations**.

(10 Marks)

2005

- Enumerate **5 Risk factors** of cancer breast
- Discuss management of **Discharge per Nipple**.

(5 Marks) دور ثانی

(15 Marks) دور ثانی

2006

- Discuss C/P & Management of **Acute Breast Abscess**
- Discuss Aetiology & Management of **Bleeding per Nipple**.
- Enumerate **5 Risk factors** of cancer breast
- Discuss management of **Discharge per Nipple**.

(10 Marks) دور ثانی

(10 Marks) دور ثانی

(5 Marks)

(15 Marks)

2007

- A 45 years old women presented with a hard lump in the breast. Discuss **Staging & necessary investigations**.

(20 Marks) دور ثانی

2008

- Discuss DD of a hard lump of the breast in a 40 years old female & its **management**.
- Discuss Treatment of **Early cancer breast**

(15 Marks) دور ثانی

(15 Marks)

2009

- A 39 years old female, with history of breast lump since 3 months. On examination you found breast mass about 6 cm in the outer lateral quadrant. It is intra-ductal carcinoma & fix to chest wall, peau d' orange skin, L.Ns in the axilla are 1-2 cm & fixed, no supra-clavicular L.Ns . General metastatic examination was free.

What are line of treatment available for this case.

(20 Marks) دور ثانی

- A 40 years female present 2 cm lump in the upper outer quadrant of Rt. breast. Core biopsy confirms invasive duct carcinoma.

What are line of treatment available for this case.

(15 Marks)



C. EXPLAIN

THE FOLLOWING STATEMENTS

1. Early drainage is the proper management of acute breast abscess

(2006 - دور اول - 6 oct.)

- To avoid destruction of lactiferous ducts.

2. In case presenting with lactating breast abscess it is advisable to drain early

(Kasr - دور ثانی - 2007)

- To avoid destruction of lactiferous ducts.

3. Routine screening mammography is recommended for female after the age of 40 years

(6 oct. - دور ثانی - 2006)

- To detect non palpable mass especially with female with risk factors.

4. It is not advisable to give Radiotherapy to Axilla after axillary evacuation of breast cancer

(Kasr - دور ثانی - 2005)

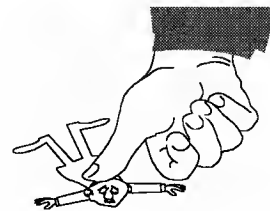
- To reduce the possibility of lymphatic edema. as the radiotherapy → lymphatic obstruction.

5. Patient with breast cancer & +ve axillary L.Ns should be treated by Chemotherapy (Post-operative)

(Kasr - دور ثانی - 2006)

- To kill any potential distant micro-metastases that have escaped post-operative

D. CASES



Case [1] (Bacterial Mastitis)

A 25-years-old- lactating female presented with pain at her left breast. Associated with fever. Which becomes worse at night. By examination there were tender axillary L.Ns & no nipple discharge .

- a. *What is the provisional diagnosis .*
- b. *What is Aetiology*
- c. *What is the treatment*

Case [2] (Acute Abscess)

A young lactating female presented with painful mass at her left breast. Associated with fever & bad odour discharge at her brace .

- a. What is the provisional diagnosis .*
- b. What is the usual mode of presentation*
- c. What is the treatment*

Case [3] (Chronic Abscess)

A 30-years-old female presented with painless hard mass at Rt. breast. There was past history of purulent discharge & was advised medical treatment

- Discuss the diagnosis*

Case [4] (Mammary Duct Ectazia)

A 35-years-old lady presented by toothpaste – like discharge from her right nipple

- Discuss the diagnosis*

Case [5] (Fibroadenosis)

A 25-years-old girl presented by pain in her left breast which increase just before each menses.

- a. What is the provisional diagnosis?*
- b. What is the aetiology of this condition?*
- c. What is the management?*

Case [6] (Duct Papilloma or Duct Carcinoma)

A 40-years-old lady presented to the breast clinic with a bloody discharge from her right nipple

- a. What is the differential diagnosis?*
- b. What is the causes of bleeding?*
- c. How can you manage this condition?*

Case [7] (Chronic Breast Abscess or Cancer)

A female patient 50-years-old presented with a hard painless lump in the right breast.

(2004 – دور أول – 6 Oct)

- Discuss the diagnosis

Case [8] (Mammary Duct Ectazia or Chronic Breast Abscess or Cancer)

A female patient 36-years-old presented with a hard lump in the upper lateral quadrant of her breast.

(2006 – دور أول – 6 Oct)

- a. What are the possibilities ?*
- b. Discuss important points in history & clinical exam.?*
- c. What are investigations would you order?*
- d. What is the treatment?*

Case [9] (Cancer Breast - Operable)

A 55-years-old women presented with a hard lump in the breast

(2004 – دور أول – Kasr)

(2007 – دور ثانی – Kasr)

- Discuss the necessary investigations.

Case [10] (Cancer Breast - Inoperable)

A 70-years-old women presented to the breast clinic with a lesion in the Lt. breast & pain in the right hypo-chondrium & Jaundice

- What is the diagnosis ?*
- What are investigations would you order?*
- What is the treatment?*

Case [11] (Cancer Breast)

A 39 years old female, with history of breast lump since 3 months. On examination you found breast mass about 6 cm in the outer lateral quadrant. It is intra-ductal carcinoma & fix to chest wall, peau d' orange skin, L.Ns in the axilla are 1-2 cm & fixed, no supra-clavicular L.Ns . General metastatic examination was free.

(Kasr - دور ثانی - 2009)

- What is the T.N.M staging in this case?*
- How could this patient discover her disease early?*
- What are the treatment available for this case?*

Case [12] (Cancer Breast)

A 40 years female present 2 cm lump in the upper outer quadrant of Rt. breast. Core biopsy confirms invasive duct carcinoma.

(Kasr - دور أول - 2009)

- What are the needed investigations?*
- What are the treatment options?*
- Discuss pros & cons of each treatment option?*

بِسْمِ اللَّهِ
GOOD LUCK

Dr. WAEL